



July 2009

DEPARTMENT OF EDUCATION
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 3

Test Date: March 2009
Code: 10211182
SAU: Brewer School Department
School: Washington Street School Bldg

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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SUMMARY OF SCORES

Test Date: March 2009

Grade: 3

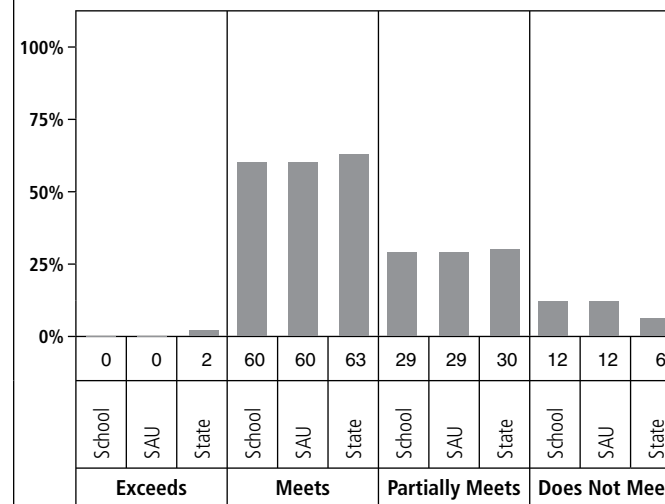
SAU: Brewer School Department

School: Washington Street School Bldg

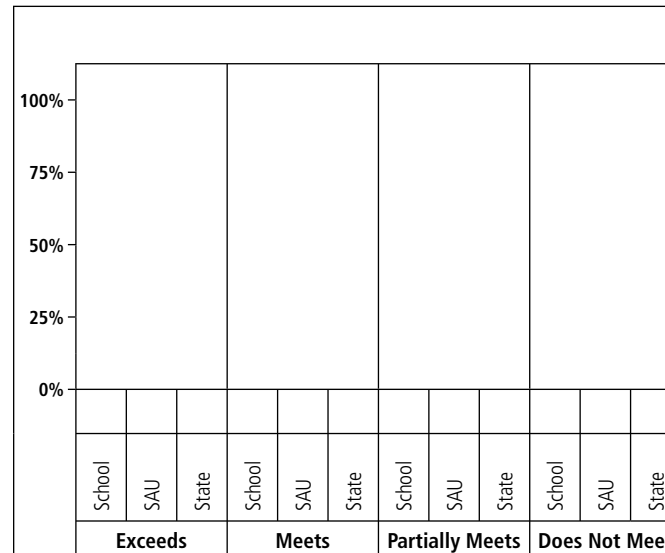
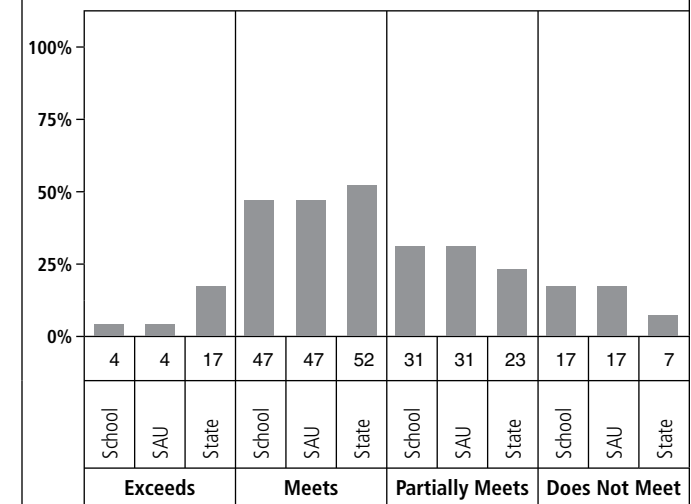
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2006–2007	344	344	345
2007–2008	341	341	344
2008–2009	343	343	345
Cum. Avg.*	343	343	345
Mathematics			
2006–2007	340	340	347
2007–2008	339	339	347
2008–2009	341	341	348
Cum. Avg.*	340	340	347

ELA – READING



MATHEMATICS



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009
Grade: 3
SAU: Brewer School Department
School: Washington Street School Bldg

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																	
							ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	113	100	113	100	13763	100	112	99	112	99	13691	100	112	99	112	99	13691	100						
Ethnicity African American/Black	6	5	6	5	416	3	5	83	5	83	412	99	5	83	5	83	414	100						
American Indian or Native Alaskan	1	1	1	1	102	1	1	100	1	100	101	100	1	100	1	100	101	100						
Asian or Pacific Islander	1	1	1	1	232	2	1	100	1	100	226	97	1	100	1	100	227	98						
Hispanic	0	0	0	0	167	1	0	0	0	0	164	98	0	0	0	0	164	98						
Caucasian/White	105	93	105	93	12846	93	105	100	105	100	12788	100	105	100	105	100	12785	100						
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Identified disability	24	21	24	21	2414	18	23	96	23	96	2388	100	23	96	23	96	2388	100						
Current LEP	1	1	1	1	420	3	1	100	1	100	413	98	1	100	1	100	417	99						
Economically disadvantaged	46	41	46	41	5887	43	45	98	45	98	5847	100	45	98	45	98	5846	100						
Migrant	0	0	0	0	6	0	0	0	0	0	6	100	0	0	0	0	6	100						

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	95	84	95	84	10316	75	95	84	95	84	10355	75						
Identified disability (PET/IEP)	6	6	6	6	437	4	6	6	6	6	445	4						
LEP	1	1	1	1	192	2	1	1	1	1	193	2						
504 plan	2	2	2	2	83	1	2	2	2	2	83	1						
Participation with accommodations	17	15	17	15	3179	23	17	15	17	15	3152	23						
Identified disability (PET/IEP)	17	100	17	100	1757	55	17	100	17	100	1759	56						
LEP	0	0	0	0	214	7	0	0	0	0	219	7						
504 plan	0	0	0	0	63	2	0	0	0	0	64	2						
Other	0	0	0	0	1192	37	0	0	0	0	1157	37						
Participation through alternate assessment (PAAP)	0	0	0	0	194	1	0	0	0	0	184	1						
Identified disability (PET/IEP)	0	0	0	0	194	100	0	0	0	0	184	100						
LEP	0	0	0	0	5	3	0	0	0	0	5	3						
504 plan	0	0	0	0	1	1	0	0	0	0	0	0						
Approved non-participation in reading – 1st year LEP	0	0	0	0	2	0												
Approved non-participation – special consideration	0	0	0	0	19	0	0	0	0	0	21	0						
Non-participation – other	1	1	1	1	53	0	1	1	1	1	51	0						

¹Percents are the percentage of students enrolled in each participation category.

²Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2009
Grade: 3
SAU: Brewer School Department
School: Washington Street School Bldg

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 362–380)	2006-2007	2	2	2	2	332	2
	2007-2008	0	0	0	0	227	2
	2008-2009	0	0	0	0	262	2
	Cum. Total*	2	1	2	1	821	2
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 342–360)	2006-2007	55	60	55	60	8691	63
	2007-2008	44	45	44	45	8403	62
	2008-2009	67	60	67	60	8500	63
	Cum. Total*	166	55	166	55	25594	63
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 332–340)	2006-2007	28	30	28	30	3781	27
	2007-2008	38	39	38	39	4018	30
	2008-2009	32	29	32	29	3985	30
	Cum. Total*	98	32	98	32	11784	29
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 300–330)	2006-2007	7	8	7	8	1021	7
	2007-2008	16	16	16	16	938	7
	2008-2009	13	12	13	12	748	6
	Cum. Total*	36	12	36	12	2707	7

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	46	100	26.8	58.3	26.8	58.3	28.3	61.5
A1/A2 Interconnected Elements/Literary Text	32	70	19.1	59.7	19.1	59.7	19.9	62.2
A1/A3 Interconnected Elements/Informational Text	14	30	7.8	55.7	7.8	55.7	8.4	60.0

The MEA assesses students’ reading skills based on questions related to two types of reading passages: literary and informational. Reading passages include short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at:
<http://www.maine.gov/education/lres/pei/index.html>.



ELA-READING RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 3
 SAU: Brewer School Department
 School: Washington Street School Bldg

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	112	0	0	67	60	32	29	13	12	343	112	0	60	29	12	343	13495	2	63	30	6	345
Ethnicity																						
African American/Black	5	0	0	1	20	2	40	2	40	336	5	0	20	40	40	336	402	0	40	41	18	339
American Indian or Native Alaskan	1										1						99	0	64	31	5	343
Asian or Pacific Islander	1										1						222	4	63	25	8	345
Hispanic	0										0						162	0	51	38	10	342
Caucasian/White	105	0	0	66	63	30	29	9	9	344	105	0	63	29	9	344	12610	2	64	29	5	345
Not Reported	0										0						0					
Identified disability																						
Yes	23	0	0	6	26	10	43	7	30	336	23	0	26	43	30	336	2194	0	32	50	18	338
No	89	0	0	61	69	22	25	6	7	345	89	0	69	25	7	345	11301	2	69	26	3	346
Current LEP																						
Yes	1										1						406	0	39	41	20	339
No	111	0	0	67	60	32	29	12	11	343	111	0	60	29	11	343	13089	2	64	29	5	345
Economically disadvantaged																						
Yes	45	0	0	17	38	19	42	9	20	340	45	0	38	42	20	340	5721	1	52	39	9	342
No	67	0	0	50	75	13	19	4	6	345	67	0	75	19	6	345	7774	3	71	23	3	346
Migrant																						
Yes	0										0						6	0	67	33	0	345
No	112	0	0	67	60	32	29	13	12	343	112	0	60	29	12	343	13489	2	63	30	6	345
Gender																						
Female	56	0	0	36	64	15	27	5	9	344	56	0	64	27	9	344	6568	3	67	26	4	346
Male	56	0	0	31	55	17	30	8	14	342	56	0	55	30	14	342	6927	1	59	33	7	343
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	7	0	0	1	14	3	43	3	43	335	7	0	14	43	43	335	2300	0	39	49	11	340
No	105	0	0	66	63	29	28	10	10	343	105	0	63	28	10	343	11195	2	68	25	4	345
Gifted/talented program																						
Yes	0										0						155	11	87	2	0	354
No	112	0	0	67	60	32	29	13	12	343	112	0	60	29	12	343	13340	2	63	30	6	344

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA-READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
 Grade: 3
 SAU: Brewer School Department
 School: Washington Street School Bldg

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	5	0	0	1	20	2	40	2	40	333	5	0	20	40	40	333	5	1	44	39	16	340
B. less than one hour	88	0	0	61	64	26	27	9	9	344	88	0	64	27	9	344	80	2	66	28	4	345
C. one to two hours	6	0	0	2	29	3	43	2	29	339	6	0	29	43	29	339	13	2	61	32	6	344
D. more than two hours	1	0	0	1	100	0	0	0	0	346	1	0	100	0	0	346	3	1	36	45	18	339
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	53	0	0	37	65	14	25	6	11	344	53	0	65	25	11	344	47	3	68	24	4	346
B. good	36	0	0	24	62	11	28	4	10	343	36	0	62	28	10	343	41	1	62	31	5	344
C. fair	7	0	0	4	50	3	38	1	13	340	7	0	50	38	13	340	9	0	51	41	8	342
D. poor	4	0	0	0	0	3	75	1	25	335	4	0	0	75	25	335	2	0	30	51	19	338
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	37	0	0	22	55	9	23	9	23	341	37	0	55	23	23	341	31	3	63	28	6	345
B. They match some of what I have learned.	45	0	0	37	76	10	20	2	4	346	45	0	76	20	4	346	49	2	68	26	3	345
C. They match just a little of what I have learned.	11	0	0	4	33	7	58	1	8	340	11	0	33	58	8	340	14	1	53	39	7	342
D. There is no match.	6	0	0	2	29	4	57	1	14	339	6	0	29	57	14	339	6	0	43	43	14	340
How hard was the reading part of this test?																						
A. harder than my regular schoolwork	13	0	0	4	29	3	21	7	50	336	13	0	29	21	50	336	18	1	50	38	11	342
B. about the same as my regular schoolwork	46	0	0	35	69	14	27	2	4	345	46	0	69	27	4	345	57	2	68	26	3	346
C. easier than my regular schoolwork	41	0	0	28	61	14	30	4	9	343	41	0	61	30	9	343	25	1	61	31	6	344
How hard were the reading passages on this test?																						
A. Most of the passages were harder than what I normally read.	11	0	0	2	17	5	42	5	42	334	11	0	17	42	42	334	15	0	38	48	14	340
B. Most of the passages were about the same as what I normally read.	33	0	0	25	68	7	19	5	14	344	33	0	68	19	14	344	48	2	66	29	4	345
C. Most of the passages were easier than what I normally read.	56	0	0	40	65	19	31	3	5	344	56	0	65	31	5	344	37	3	70	23	4	347
How much time do you spend reading at home each day?																						
A. more than one hour	20	0	0	14	64	8	36	0	0	344	20	0	64	36	0	344	22	3	67	25	4	346
B. 20 minutes to an hour	47	0	0	35	67	12	23	5	10	344	47	0	67	23	10	344	46	2	68	26	4	346
C. less than 20 minutes	17	0	0	8	42	6	32	5	26	339	17	0	42	32	26	339	18	1	56	36	8	343
D. I rarely read at home.	16	0	0	10	56	5	28	3	17	341	16	0	56	28	17	341	14	0	50	40	10	341
How many pages do you read in school and to complete homework assignments?																						
A. five or fewer pages	31	0	0	19	58	9	27	5	15	341	31	0	58	27	15	341	29	1	56	36	7	343
B. six to ten pages	19	0	0	15	75	5	25	0	0	345	19	0	75	25	0	345	21	2	62	31	5	344
C. eleven or more pages	51	0	0	31	56	16	29	8	15	343	51	0	56	29	15	343	50	3	68	25	5	346
Optional school/SAU question																						
A.	36	0	0	4	50	4	50	0	0	343	36	0	50	50	0	343						
B.	14	0	0	1	33	0	0	2	67	333	14	0	33	0	67	333						
C.	5	0	0	0	0	1	100	0	0	338	5	0	0	100	0	338						
D.	45	0	0	6	60	4	40	0	0	344	45	0	60	40	0	344						

MATHEMATICS RESULTS

Test Date: March 2009
Grade: 3
SAU: Brewer School Department
School: Washington Street School Bldg

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 362–380)	2006-2007	6	7	6	7	1985	14
	2007-2008	5	5	5	5	2277	17
	2008-2009	5	4	5	4	2328	17
	Cum. Total*	16	5	16	5	6590	16
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 342–360)	2006-2007	34	37	34	37	6990	51
	2007-2008	39	40	39	40	6764	50
	2008-2009	53	47	53	47	7045	52
	Cum. Total*	126	42	126	42	20799	51
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 326–340)	2006-2007	38	41	38	41	3673	27
	2007-2008	37	38	37	38	3504	26
	2008-2009	35	31	35	31	3137	23
	Cum. Total*	110	36	110	36	10314	25
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 300–324)	2006-2007	14	15	14	15	1193	9
	2007-2008	17	17	17	17	1044	8
	2008-2009	19	17	19	17	997	7
	Cum. Total*	50	17	50	17	3234	8

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Mathematics Total Points	48	100	27.3	56.9	27.3	56.9	31.5	65.6
A. Number	20	42	10.9	54.5	10.9	54.5	12.8	64.0
B. Data	8	17	5.5	68.8	5.5	68.8	6.1	76.3
C. Geometry	8	17	5.0	62.5	5.0	62.5	5.5	68.8
D. Algebra	12	25	5.9	49.2	5.9	49.2	7.1	59.2

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.

MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 3
 SAU: Brewer School Department
 School: Washington Street School Bldg

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	112	5	4	53	47	35	31	19	17	341	112	4	47	31	17	341	13507	17	52	23	7	348
Ethnicity																						
African American/Black	5	0	0	1	20	2	40	2	40	334	5	0	20	40	40	334	407	7	37	32	24	338
American Indian or Native Alaskan	1										1						99	7	47	38	7	344
Asian or Pacific Islander	1										1						223	25	45	24	7	350
Hispanic	0										0						162	6	44	35	15	341
Caucasian/White	105	5	5	52	50	33	31	15	14	342	105	5	50	31	14	342	12616	18	53	23	7	348
Not Reported	0										0						0					
Identified disability																						
Yes	23	0	0	8	35	9	39	6	26	334	23	0	35	39	26	334	2204	6	36	36	22	338
No	89	5	6	45	51	26	29	13	15	343	89	6	51	29	15	343	11303	19	55	21	4	350
Current LEP																						
Yes	1										1						412	7	37	35	21	339
No	111	5	5	53	48	35	32	18	16	341	111	5	48	32	16	341	13095	18	53	23	7	348
Economically disadvantaged																						
Yes	45	2	4	15	33	15	33	13	29	336	45	4	33	33	29	336	5727	10	48	31	12	343
No	67	3	4	38	57	20	30	6	9	344	67	4	57	30	9	344	7780	23	55	18	4	351
Migrant																						
Yes	0										0						6	0	67	33	0	345
No	112	5	4	53	47	35	31	19	17	341	112	4	47	31	17	341	13501	17	52	23	7	348
Gender																						
Female	56	3	5	23	41	17	30	13	23	338	56	5	41	30	23	338	6568	16	52	24	8	348
Male	56	2	4	30	54	18	32	6	11	344	56	4	54	32	11	344	6939	18	53	22	7	348
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	7	0	0	1	14	3	43	3	43	331	7	0	14	43	43	331	2300	4	43	39	14	340
No	105	5	5	52	50	32	30	16	15	342	105	5	50	30	15	342	11207	20	54	20	6	350
Gifted/talented program																						
Yes	0										0						155	73	26	1	0	368
No	112	5	4	53	47	35	31	19	17	341	112	4	47	31	17	341	13352	17	52	23	7	348

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NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
 Grade: 3
 SAU: Brewer School Department
 School: Washington Street School Bldg

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	5	0	0	1	20	1	20	3	60	325	5	0	20	20	60	325	5	9	38	32	21	340
B. less than one hour	88	5	5	46	48	32	33	13	14	342	88	5	48	33	14	342	80	19	54	22	5	349
C. one to two hours	6	0	0	3	43	2	29	2	29	339	6	0	43	29	29	339	13	16	51	24	9	347
D. more than two hours	1	0	0	1	100	0	0	0	0	344	1	0	100	0	0	344	3	6	31	39	24	337
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	35	4	10	22	56	5	13	8	21	344	35	10	56	13	21	344	40	25	51	17	7	351
B. good	44	1	2	22	46	20	42	5	10	342	44	2	46	42	10	342	45	14	56	24	6	348
C. fair	18	0	0	8	40	8	40	4	20	336	18	0	40	40	20	336	12	7	49	34	10	343
D. poor	3	0	0	1	33	2	67	0	0	339	3	0	33	67	0	339	3	3	35	43	20	337
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	40	4	9	30	68	9	20	1	2	349	40	9	68	20	2	349	38	23	52	19	5	351
B. They match some of what I have learned.	42	1	2	18	39	18	39	9	20	339	42	2	39	39	20	339	45	16	56	22	6	348
C. They match just a little of what I have learned.	15	0	0	4	25	7	44	5	31	335	15	0	25	44	31	335	12	10	45	33	12	343
D. There is no match.	4	0	0	1	25	1	25	2	50	320	4	0	25	25	50	320	5	5	35	38	22	338
How hard was the mathematics part of this test?																						
A. harder than my regular schoolwork	19	0	0	7	35	8	40	5	25	336	19	0	35	40	25	336	17	8	45	34	13	342
B. about the same as my regular schoolwork	53	5	9	26	46	19	34	6	11	344	53	9	46	34	11	344	59	19	55	21	5	350
C. easier than my regular schoolwork	28	0	0	19	63	6	20	5	17	342	28	0	63	20	17	342	24	20	51	21	8	349
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	23	0	0	8	32	10	40	7	28	335	23	0	32	40	28	335	15	8	41	35	15	341
B. 30–45 minutes	44	3	6	25	52	14	29	6	13	343	44	6	52	29	13	343	29	16	54	23	6	348
C. 45–60 minutes	21	1	4	13	57	7	30	2	9	344	21	4	57	30	9	344	32	21	55	19	5	350
D. more than 60 minutes	12	1	8	7	54	3	23	2	15	343	12	8	54	23	15	343	25	21	53	20	6	350
How often do you use calculators in mathematics class?																						
A. almost every day	5	0	0	0	0	4	80	1	20	326	5	0	0	80	20	326	6	6	33	39	23	337
B. two or three days a week	5	0	0	0	0	3	60	2	40	329	5	0	0	60	40	329	12	15	55	22	8	348
C. two or three times each month	24	1	4	14	54	8	31	3	12	343	24	4	54	31	12	343	26	20	56	19	5	350
D. never or almost never	67	4	5	38	52	19	26	12	16	343	67	5	52	26	16	343	56	18	52	23	7	348
How often do you use hands-on materials in mathematics class?																						
A. almost every day	28	2	6	9	29	12	39	8	26	337	28	6	29	39	26	337	37	14	51	27	9	346
B. two or three days a week	16	2	11	10	56	6	33	0	0	348	16	11	56	33	0	348	27	20	55	19	6	350
C. two or three times each month	25	0	0	12	44	10	37	5	19	339	25	0	44	37	19	339	19	22	53	19	6	350
D. never or almost never	31	1	3	22	65	6	18	5	15	344	31	3	65	18	15	344	18	15	51	26	8	347
Optional school/SAU question																						
A.	36	0	0	2	25	5	63	1	13	337	36	0	25	63	13	337						
B.	14	0	0	1	33	1	33	1	33	335	14	0	33	33	33	335						
C.	5	0	0	0	0	1	100	0	0	334	5	0	0	100	0	334						
D.	45	1	10	6	60	3	30	0	0	346	45	10	60	30	0	346						

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